

### **Abstract of the Invention**

System and method for executing a graphical program on a first computer and providing a user interface of the graphical program on a second computer, where the graphical program includes a plurality of interconnected function icons representing graphical data flow of a function. Information indicating a plurality of graphical programs on the first computer, e.g., a list, may be displayed on the second computer, and user input specifying the graphical program on the first computer received to the second computer, e.g., selecting the graphical program from the list of graphical programs. The graphical program is executed on the first computer, and information describing the user interface of the graphical program is provided to the second computer during said executing. The user interface of the graphical program is displayed on the second computer, facilitating interaction between a user of the second computer and the graphical program executing on the first computer.